

**DEGREE PROGRAM TITLE: AIRCRAFT STRUCTURAL MAINTENANCE TECHNOLOGY**

**AFSC(S): 2A7X3, Aircraft Structural Maintenance  
2A7X5, Low-Observable Aircraft Structural Maintenance**

**PROGRAM GOAL:** The goal of the **CCAF Aircraft Structural Maintenance Degree Program** is to prepare graduates for productive careers in the aircraft structural maintenance and low-observable industries. Graduates are prepared to perform varied functions, with special emphasis placed on the preservation of aircraft structural integrity to include low-observable coatings. The program is designed to develop effective leaders of our most valued resource—our people—and cultivate managers of complex systems, processes, and technologies essential to the Air Force and our Nation.

**LEARNING OUTCOMES:** Upon completion of this program students will be able to:

1. Assemble structural parts and components to meet requirements for preserving structural integrity and low observable qualities.
2. Assess damage to aircraft structural components and low observable coatings.
3. Use metalworking equipment and tools to form, cut, bend, and fasten replacement or repair parts to damaged structures and components.
4. Apply preservative treatments to aircraft, aerospace ground equipment, and support equipment.
5. Inspect and maintain work center tools and machinery utilizing lock-out/tag-out procedures.
6. Use and dispose of hazardous waste and materials according to environmental standards.